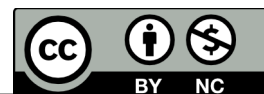


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QUESTÕES DE AVALIAÇÃO PARA TÉCNICO DO SISCEAB TRE SIS IOP NÍVEL ORGÂNICO DOS SISTEMAS TIMS-AMHS-NEPTUNO4000-POSEIDON-GAREX220-NOVA9000-ATIS

Requisitos: Inglês nível intermediário, Informática nível intermediário, Eletrônica nível intermediário, Curso ou Treinamento nos Sistemas TIMS-AMHS-NEPTUNO4000-POSEIDON-GAREX220-NOVA9000.

Por: Raimundo J.M. dos Santos/Out. 2016

I. TIMS

1- According INDRA manual S00163-14-CE-MA-0352 (section 3.1 pag 8) "TIMS has a dual LAN in which the system components are interconnected, having each one two network connections, one for each LAN. Connections with other external systems are made by WAN, fibre optic, copper wire or radio links. TIMS also includes serial (RS-232), RS-485 and Ethernet LAN external data interfaces."

What the following elements does not contain part of TIMS ARCHITETURE components?

- a) Operational Positions, Interface to External systems
- b) Application Servers, Interface to External systems
- c) Operational Positions, Meteorological Sensors
- d) Application Servers, Synchronization System
- e) NDA

2- According INDRA manual S00163-14-CE-MA-0352 (section 3.4 pag 13)"The storage servers provide data storage for the TIMS application and also records and stores all system state data (critical state changes, errors, alarms, invalid data, off and on, etc..) For the TIMS system It has a capacity in well excess of 30 days."

Complete the following sentence:

"It is configured as a dual-redundant active / standby iSCSI _____ comprising a pair of iSCSI _____ switches connected to the dual redundant pair of storage servers."

- a) WAN - SAN
- b) LAN - DAN
- c) SAN - LAN
- d) SAN - WAN
- e) WAN – LAN

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II. AMHS

1- According INDRA manual S00163-14-CE-MA-0352 (fig 5) "The status bar of the AMHS User Agent application includes information about the current connection states to databases or channels. The connection state(s) is represented in form of a traffic light with the following meaning:"

- a) Green light: All connections are ready, Yellow light: All connections are broken, Red light: Some connections are broken.
- b) Green light: All connections are broken , Yellow light: Some connections are broken, Red light: All connections are ready.
- c) Green light: All connections are ready, Yellow light: Some connections are broken , Red light: All connections are broken.
- d) Green light: Some connections are broken, Yellow light: All connections are ready, Red light: All connections are broken.
- e)NDA.

2- According INDRA manual S00163-14-CE-MA-0352 (fig 6)About AMHS connections complete the following sentence:

"The router in the telecommunication room is responsible in establishing the connection to Brasília where the _____ is. Therefore if for any reason the router loses the connection, no _____ can be established."

- a) AMHS SERVER - AMHS connection
- b) AMHS MTA - AMHS service
- c) AMHS Client - AMHS route
- d) AMHS MTA - AMHS connection
- e) AMHS - AMHS route

III. NEPTUNO4000

1- According INDRA NEPTUNO 0941210000004MA00 System Manual (cap 4 section 4.3.1 pag 1/4) "The cassettes used by the Neptuno 4000 recorder are high capacity devices based on 4 mm DAT technology. These devices store data with a high reliability and include an error correction system. The standard used to store data in the cassettes is DDS (Digital Data Storage). The units in the Neptuno 4000 recorder are compatible with the following formats:

- a) DDS-5, DDS-2, DDS-1, DDS, DDS-DC and DCLW.
- b) DDS-4, DDS-3, DDS-2, DDC, DDS-DC and DCLY.
- c) DDS-4, DDS-3, DDS-2, DDS, DDS-DC and DCLZ.
- d) DDS-5, DDS-4, DDS-2, DDS, DDS-BD and DCLZ.
- e) DDS-3, DDS-2, DDS-1, DDS, DDS-DC and DCLY.

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2- According INDRA NEPTUNO 0941210000004MA00 System Manual (cap 3 section 3.1 pag 1/4) "The Neptuno 4000 is a multi-channel signal recording system for civil and military applications. Neptuno 4000 performs the sampling of multiple analogue and/or digital channels, with variable bandwidth and quality requirements."

Complete:

"The sampled signals are stored _____, and can be replayed, transmitted, routed or edited."

- a) magnetically
- b) digitally
- c) electronically
- d) analogically
- e) automatically

IV. POSEIDON

1- According INDRA 0943900000000MA03 POSEIDON SYSTEM MANUAL (cap 3 section 3.1 pag 1/4)complete de following sentence:

"The PSRS is a _____ recording system for civil and military applications. PSRS system makes the capture of video sources, _____ them through the net and process (only if it is required) adequate video signals. POSEIDON is designed around _____ architecture, and so provides _____ operation.

POSEIDON has its own graphical user interface and a communications API for _____ operation/management."

- a) multi-task – stream – master/slave – multi user – local
- b) multi-screen - send – client/server - multi user – remote
- c) multi-screen - stream – client/server – mono user – remote
- d) multi-task - send – master/slave – mono user - local
- e) multi-screen – stream – client/server – multi user - remote

2- According INDRA 0943900000000MA03 POSEIDON SYSTEM MANUAL (cap 3 section 3.1 pag 1/4) "The PSRS is basically composed by three different elements:"

- a) - Frame Streamer: responsible of capturing and storing the signal received by ethernet.
 - Poseidon Recording and Storing Server: responsible for duplicating the source signal to original screen and emitting via ethernet.
 - PWS: responsible of management and operation with the recordings.
- b) - Frame Streamer: responsible for duplicating the source signal to original screen and emitting via ethernet.
 - Poseidon Recording and Storing Server: responsible of capturing and storing the signal received by ethernet.
 - PWS: responsible of management and operation with the recordings.
- c) - Frame Streamer: responsible of capturing and storing the signal received by ethernet.

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- Poseidon Recording and Storing Server: responsible of management and operation with the recordings.
 - PWS: responsible for duplicating the source signal to original screen and emitting via ethernet.
- d)
- Frame Streamer: responsible of management and operation with the recordings.
 - Poseidon Recording and Storing Server: responsible for duplicating the source signal to original screen and emitting via ethernet.
 - PWS: responsible of capturing and storing the signal received by ethernet.

V. GAREX220

1- According INDRA VCA-0028-11_System_Maintenance_Manual_1-1 (section 3.3 pag 9) select the incorrect sentence.

- a) The line interface cards also have green LED's indicating the status of the malfunction and the line signalling (activity, E and M status).
- b) In the CWP there are also some LED's to check in case of malfunction.
- c) The Ring Generator Card has one red ALARM LED that indicates an alarm condition.
- d) The power supplies in the system are equipped with POWER ON indication lit under normal operating condition. In addition OVP shut-down LED and ALARM LED indicates an alarm condition.

2- According INDRA VCA-0028-11_System_Maintenance_Manual_1-1 (section 3.9 pag 18) Complete the following sentence: “To avoid the need for manual configuration when network-attached equipment is added or replaced, the VCMS master server provides dynamic IP-addresses through a DHCP server running on this server. Because of this, the VCMS server must have a _____ IP-address at _____.”

- a) static – all the time
- b) dynamic – sometime
- c) static – anytime
- d) dynamic – all the time



VI. NOVA9000

1- According INDRA 1002912-801-03_1-0_Tech-Maint-Man-Technical-Deser (cap 4 section 4.6 pag 17) “Open the TOOLS menu from the TECAMS main menu and select MONITOR, if not already selected.” is a procedure for:

- a) To start up a PU (FDS, TECAMS, EFSB, FDD, etc.).
- b) To start up a Switch/Router.
- c) To shut down a PU (FDS, TECAMS, EFSB, FDD, etc.).
- d) To shutdown any unit other than a PU.

2- According INDRA 1002912-801-02_1-0_Tech-Maint-Man-Maintenance (cap 2 section 2.1 pag 17) complete the sentence: “The TECAMS workstation is the working position for the _____ and technical staff to _____ and _____ the NOVA 9000 system.”

- a) monitoring – manage – do maintenance
- b) management – stop – monitor
- c) starting – configure – do maintenance
- d) maintenance – configure – monitor

VII. ATIS

1- According STR-SpeechTech Installation and Maintenance Manual (Issue 7.5 section 2.3.1.1 pag 5) StarCaster log files fall into two (2) categories, as follows:

- a) Technical Log Files and Operator Log Files
- b) Operator Log Files and System Log Files
- c) Technical Log Files and User Log Files
- d) System Log Files and Operator Log Files

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2- According STR-SpeechTech Installation and Maintenance Manual (Issue 7.5 section 2.4.1 pag 16) For the DHS Server/Client configuration, an Information page is displayed as part of the StarCaster Client software at the Operator Workstation. This page gives Operators access to information about the system.

Depending on your StarCaster configuration what of following is not a StarCaster function that may be available on information page?

- a) Remote Server IP Address.
- b) Access to the StarCaster “About”
- c) XMU+ status indicators.
- d) KVM ports status.